

DEPARTMENT OF THE ARMY

Vacancy Announcement Number: GEU401342

Opening Date: June 14, 2004

Cut off Date: July 6, 2004

Position: Mechanical Engineer, GS-0830-9/11/12, FPL: GS-12

Salary: \$47,422 - \$78,826 Annual

Place of Work: U.S. Army Engineer District, Baltimore, Washington Aqueduct Division, Planning & Engineering Branch, Civil/Mechanical Section

Duty Stations: Washington, DC

Position Status: This is a Permanent position -- Full Time

Number of Vacancies: 1

Duties: Responsible for developing engineering designs, plans & specifications for plumbing, heating, ventilating & air conditioning w/special emphasis on pumping units & the distribution system requirements of a major water system. Performs all mechanical engineering & planning functions for the Washington Aqueduct which operates & maintains a large & complex system for the collection, treatment, pumping, storage & transmission of an adequate & potable water supply for DC, Arlington & Fairfax Counties, & the city of Falls Church, VA. A major portion of duties will be executed using computer based design tools (CADD). Makes design computations & develops diagrams, final layout drawings, & cost estimates for pumping units up to 180 m.g.d. capacity, collection mains up to 120" diameter, finished water pressure lines up to 78" diameter, sluice gates, traveling water screens, plumbing, HVAC of industrial-type bldgs, labs & treatment facilities, & mechanical features of chemical treatment equipment.

Who May Apply:

- THIS IS A DELEGATED EXAMINING ANNOUNCEMENT, OPEN TO ALL US CITIZENS. APPLICATIONS MAY BE FAXED TO 410-306-1284/0106 OR MAILED TO NECPOC, 314 JOHNSON ST., APG, MD 21005, ATTN: DEU. RESUMES MUST INCLUDE THE ANNOUNCEMENT NUMBER OR THEY WILL NOT BE CONSIDERED. DO NOT INCLUDE E-MAIL ATTACHMENTS.
- Interagency Career Transition Assistance Plan (ICTAP) eligibles.

Qualifications:

NOTES: (1) IN ADDITION TO MEETING THE INDIVIDUAL OCCUPATIONAL REQUIREMENTS LISTED IN THE QUALIFICATION STANDARDS, APPLICANTS MUST POSSESS ONE YEAR OF SPECIALIZED EXPERIENCE EQUIVALENT TO THE NEXT LOWER GRADE LEVEL IN THE FEDERAL SERVICE.

SPECIALIZED EXPERIENCE is experience which has equipped the applicant with the particular knowledge, skills, and abilities (KSAs) to successfully perform the duties of this position, and that is typically in or related to a professional knowledge of mechanical engineering concepts, principles, and practices applicable to the full range of engineering duties concerned with the design and layout of plumbing, heating, ventilating, air conditioning and other systems for use in a large water treatment complex. For the GS-09, the Specialized Experience must be equivalent to the GS-07 grade level. For the GS-11, the Specialized Experience must be equivalent to the GS-09 grade level. For the GS-12, the Specialized Experience must be equivalent to the GS-11 grade level. (2) For verification of education, please supply a copy of your college transcripts or a course/hours listing along with your application/resume.

FOREIGN EDUCATION: Foreign education must be evaluated for U.S. equivalency in order to be rated eligible for this position. Please include this information either in your resume or by furnishing a copy of your certificate in your application package. (3) Incumbent is required to obtain & maintain a Non-Critical Sensitive Clearance. (4) Work is primarily sedentary, but on any given day there could be a requirement for considerable walking; bending, climbing ladders, scaffolds, terrain; stooping; climbing in & out of manholes; working outdoors; exposure to varying weather conditions; entering confined spaces; use of hard hats; wearing a respirator with a tight-fitting face piece & other safety gear; & other physical activities. (5) A pre-employment physical is required. (6) Employee is required to have and maintain a valid State drivers license.

SEE OTHER REQUIREMENTS SECTION FOR ADDITIONAL INFORMATION ON THE FOLLOWING KSAs: FOR ALL THREE GRADES: KSA 1. Knowledge of mechanical equipment, design of mechanical systems and methods of construction as applicable to industrial buildings and water or waste water treatment facilities. KSA 2. Ability to identify and advise on problems involving the mechanical sections of construction projects. KSA 3. Ability to analyze plans and proposals from a standpoint of function, economics, constructability and mechanical problems. KSA 4. Ability to work closely with field personnel, contractors, and designers on resolving mechanical problems.

GS-09: Bachelor's degree directly related to this occupation and 1 year of experience directly related to this occupation equivalent to at least the next lower grade level, or 2

years of progressively higher level graduate education leading to a master's degree or master's or equivalent graduate degree.

GS-11: Bachelor's degree directly related to this occupation and 1 year of experience directly related to this occupation equivalent to the next lower grade level, or 3 years of progressively higher level graduate education leading to a Ph.D. degree or Ph.D. or equivalent doctoral degree.

GS-12 and above: Bachelor's degree directly related to this occupation and 1 year of experience directly related to this occupation equivalent to the next lower grade level.

The experience described in your resume will be evaluated as related to the qualifications, knowledge, skills and abilities required for this job.

Education can be substituted for experience. Review the qualification requirements for specific information.

One year of experience in the same or similar work equivalent to at least the next lower grade or level requiring application of the knowledge, skills, and abilities of the position being filled.

Other Information:

- Management may select at any of the grade levels announced.
- Noncompetitive promotion potential to target grade.
- Positions listed with multiple grades may be filled at any grade level and may or may not have promotion potential.
- Permanent Change of Station (PCS) expenses are not authorized.
- Temporary Duty (TDY) travel is 5 percent.

Other Requirements:

- Personnel security investigation required.
- A medical examination is required.
- You will be required to provide proof of U.S. Citizenship.
- If selected, official college or university transcript must be submitted.
- License/Certification: Valid state drivers license is required.
- Documentation to support Military Spouse Preference needs to be submitted at time of application.
- Male applicants born after December 31, 1959 must complete a Pre-Employment Certification Statement for Selective Service Registration.
- Direct Deposit of Pay is Required.
- You must include the announcement number on your application.

- You may claim Military Spouse Preference. Applicants claiming Veterans' Preference must submit required paperwork at the time of application.
- Applicants must provide a narrative that addresses each of the knowledge, skills and abilities (KSAs) on plain bond paper and submit it along with the other application materials. Information may include experience, education, training and awards as it relates to each KSA. Since you will be rated based on your possession of the KSAs listed in this announcement and a ranking determination made which affects your chance for employment, it would benefit you to provide your responses to the KSAs.
- Failure to provide all of the required information as stated in the vacancy announcement may result in an ineligible rating or may affect the overall rating.

How to Apply:

- Resumes must be received by the closing date of this announcement.
- You may send your resume via surface mail to: Northeast CPOC, DEU STAFF, 314 Johnson St, APG, MD 21005
- You may fax your resume to: 410-306-1284/0106

Point of Contact: DEU Staff, Northeast CPOC, 410-306-0031

THE DEPARTMENT OF THE ARMY IS AN EQUAL OPPORTUNITY EMPLOYER.

Applicants will receive appropriate consideration without regard to non-merit factors such as race, color, religion, sex, national origin, marital status, sexual orientation except where specifically authorized by law, age, politics or disability which do not relate to successful performance of the duties of this position. Otherwise qualified applicants with disabilities who need reasonable accommodation may notify the agency Point of Contact on this announcement of their need.

SELECTION FOR THIS POSITION IS SUBJECT TO RESTRICTIONS RESULTING FROM DEPARTMENT OF DEFENSE REFERRAL SYSTEM FOR DISPLACED EMPLOYEES.